

November 28, 2006

DEPARTMENT DIRECTOR

CITY MANAGER

FROM: MICHAEL T. KIRN, PE, City Engineer  
Public Works Department

BY: BRYAN D. JONES, TE, Traffic Engineering Manager  
Public Works Department, Traffic Engineering

SUBJECT: APPROVE A POLICY FOR NO NEW INSTALLATIONS OF PAVEMENT UNDULATIONS (SPEED BUMPS) WITHIN THE CITY OF FRESNO RIGHT OF-WAY AND PROCEDURES FOR REMOVAL OF EXISTING PAVEMENT UNDULATIONS

**KEY RESULT AREA**

One Fresno

Presented to City Council

Date 11/28/06

Disposition *Approved*

Presented to City Council

Date 12/12/06

Disposition *Approved***RECOMMENDATION**

It is recommended that the Council approve the attached Policy for no new installations of pavement undulations (speed bumps) and the procedures for removal of existing pavement undulations, marked Attachment "A".

**EXECUTIVE SUMMARY**

This New Pavement Undulations Policy is brought before Council to be consistent with the "Reasonably Available Control Measures" (RACM) Resolution approved by City Council April 9, 2005, which does not allow for the installation of speed bumps. The use of speed bumps decreases the air quality, increases the noise pollution, and is not supported by emergency response vehicles.

**KEY OBJECTIVES**

Customer Service – By implementing this new policy the City will reduce "hot spots" of poor air quality that are experienced by citizens of Fresno.

Employee Satisfaction – By implementing this new policy the City will give direction to Public Works staff on how to respond to citizens of Fresno with a consistent approach.

Financial Management – By implementing this new policy the City will reduce the long-term maintenance cost of pavement undulations.

**BACKGROUND**

Pavement undulations (speed bumps) are roadway design features that have been installed in the past to reduce vehicle speeds and volumes on roadways. Per Article 2, Chapter 11 of the

Fresno Municipal Code speed bumps shall be placed on public streets only by the authority of the Public Works Director.

This New Pavement Undulations Policy is brought before Council to be consistent with the "Reasonably Available Control Measures" (RACM) Resolution approved by City Council April 9, 2005, which does not allow for the installation of speed bumps. RACM are control measures that local governments can implement to reduce ozone-forming emissions from operations and/or services they control. Speed bumps have proven to increase vehicular emissions with the stop and go traffic, which contributes, to a poor air quality in our valley. As a result, speed bumps are not an available traffic control device in the City of Fresno. Studies have also shown that speed bumps divert traffic to other neighborhood streets, thereby moving the problem rather than solving it. The use of speed bumps also increases noise levels due to vehicle brakes, shocks, tires, and engine noise. Speed bumps increase response time for emergency vehicles and the Fresno Fire Department is not supportive of speed bump installation. Speed bumps also present a potential hazard to cyclists and motorcyclists.

#### **FISCAL IMPACT**

It costs City of Fresno, Public Works Department, Street Maintenance crews approximately \$5,000 (2006 construction dollars) to remove a speed bump and dispose of the material. There is no current funding for the removal of speed bumps. The funding mechanism would need to be identified prior to the Street Maintenance staff completing the work. Funding since 1998 has generally come from Council infrastructure.

MTK/BDJ/eam  
Approve Policy No New Pavement Undulations 11-28-06

Attachments: City of Fresno Pavement Undulations Policy  
Petition for Pavement Undulation Removal

CITY OF FRESNO  
PAVEMENT UNDULATION POLICY

There shall be no new installations of pavement undulations within the City of Fresno right-of-way.

PROCEDURE FOR REMOVAL OF EXISTING PAVEMENT UNDULATIONS  
(SPEED BUMPS) BY PROPERTY OWNERS

1. A representative of the neighborhood shall first submit, in writing, a request for removal of an existing speed bump.
2. City Council staff along with Public Works Traffic Engineering staff will provide representative with attached petition (page 2 of this policy) and identify the affected neighborhood.
3. A petition requesting removal and signed by 60% or more of the property owners will be adequate for permanent removal. Each property address may only have one vote. Public Works will verify petition. The original boundary for installation will be used if available.
4. Scheduling of removal will be dependent on funding and availability of street maintenance staff.
5. Once the speed bump has been removed by Public Works it will not be re-installed. Removal of a speed bump is permanent.

PROCEDURE FOR REMOVAL OF EXISTING PAVEMENT UNDULATIONS  
(SPEED BUMPS) BY CITY ENGINEER

The City may remove speed bumps at any time if they are identified as a traffic safety hazard. The affected neighborhood (property owners) will be notified in writing 10 business days prior to removal.

The City, immediately prior to scheduled road repair, may circulate a petition for removal of speed bumps. A petition for removal distributed by the City must be signed by 60% or more of the property owners on the street. The affected neighborhood (property owners) will be notified in writing 10 business days prior to removal.

**PETITION FOR THE REMOVAL OF PAVEMENT UNDULATIONS (SPEED BUMPS)**

CITY OF FRESNO PUBLIC WORKS DEPARTMENT  
ATTN: CITY TRAFFIC ENGINEER  
2600 FRESNO STREET  
FRESNO, CA 93721

Page \_\_\_\_\_ of \_\_\_\_\_ Pages

We, the undersigned, do hereby request that the City of Fresno REMOVE pavement undulations on:

\_\_\_\_\_ between \_\_\_\_\_ and \_\_\_\_\_

Your signature on this petition will acknowledge that you are aware that **undulations (speed bumps) will be removed in the immediate vicinity of your property.**

PRINT NAME	SIGNATURE	RESIDENCE
1.		
2.		
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17.		



December 13, 2006

Council Adoption: 12/12/06

Mayor Approval:

Mayor Veto:

Override Request:

TO: MAYOR ALAN AUTRY

RECEIVED

FROM: REBECCA E. KLISCH, CMC  
City Clerk

DEC 26 AM 10:27  
CITY CLERK, FRESNO CA

SUBJECT: TRANSMITTAL OF COUNCIL ACTION FOR APPROVAL OR VETO

At the Council meeting of **December 12, 2006** Council took legislative action entitled **Appv policy for no new installations of speed bumps w/in City of Fresno**, Item No. 11:15 A.M. E, by the following vote:

Ayes	:	Boyajian, Calhoun, Sterling, Westerlund, Duncan
Noes	:	Dages, Perea
Absent	:	None
Abstain	:	None

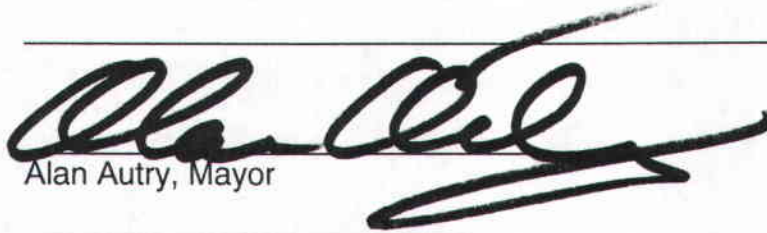
Please indicate either your formal approval or veto by completing the following sections and executing and dating your action. Please file the completed memo with the Clerk's office on or before December 26, 2006. In computing the ten day period required by Charter, the first day has been excluded and the tenth day has been included unless the 10<sup>th</sup> day is a Saturday, Sunday, or holiday, in which case it has also been excluded. Failure to file this memo with the Clerk's office within the required time limit shall constitute approval of the ordinance, resolution or action, and it shall take effect without the Mayor's signed approval.

Thank you.

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**APPROVED:**

**VETOED** for the following reasons: (Written objections are required by Charter; attach additional sheets if necessary.)

  
Alan Autry, Mayor

Date: 12/22/06

**COUNCIL OVERRIDE ACTION:**

Date: \_\_\_\_\_

Ayes	:
Noes	:
Absent	:
Abstain	: